10. A touch panel device as claimed in claim **1**, wherein the touch panel device comprises a display module and the cover layer is formed of a transparent material.

11. A touch panel device as claimed in claim **10**, wherein a reference electrode layer is provided on the display module.

12. A touch panel device as claimed in claim **11**, wherein the reference electrode layer is further provided inside the display module.

13. A touch panel device as claimed in claim **1**, wherein the touch panel comprises a processor which is arranged to register capacitance changes of each of the plurality of sensing elements, wherein the processor is adapted to determine a touch location by calculating a weighted location average of the capacitance changes registered by the plurality of sensing elements.

14. A touch panel device as claimed in claim **1**, wherein the electrically-resistive layer is formed as a high-resistive ITO layer.

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